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**From:** Vedagiri, Usha [usha.vedagiri@aecom.com]  
**Sent:** 4/14/2016 6:28:23 PM  
**To:** Donohue, Joyce [Donohue.Joyce@epa.gov]  
**Subject:** RE: Status of EPA Health Effects documents for PFOS and PFOA  
**Attachments:** Perfluoro compounds-PFCs-Updated Final.pdf

Thanks for the update, Joyce. Didn't mean to bug you, just trying to stay aware of new developments ☺

I don't know if you've already seen this, but I'm curious as to what you think of TCEQ's approach, especially where they went with the Zeng et al (2011) study for PFOS and Macon et al (@011) for PFOA, but ended up with RfDs that are not too different from your 2014 proposed values (and possible your upcoming 2016 values as well). And how they approached RfDs for all the other PFAS compounds.

**Usha Vedagiri, Ph.D.**  
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**From:** Donohue, Joyce [mailto:Donohue.Joyce@epa.gov]  
**Sent:** Wednesday, April 13, 2016 5:20 AM  
**To:** Vedagiri, Usha  
**Subject:** RE: Status of EPA Health Effects documents for PFOS and PFOA

Dear Usha

The documents have not been released yet but we are actively working to get them ready for release. I am not exactly sure when they will be released.

Joyce

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**From:** Vedagiri, Usha [mailto:usha.vedagiri@aecom.com]  
**Sent:** Tuesday, April 12, 2016 5:34 PM  
**To:** Donohue, Joyce <[Donohue.Joyce@epa.gov](mailto:Donohue.Joyce@epa.gov)>  
**Subject:** RE: Status of EPA Health Effects documents for PFOS and PFOA

Hi Joyce,

I don't know if you remember but we had a fairly detailed conversation on the draft Health Effects documents for PFOS and PFOA back in January.

At that time, you had mentioned that you hoped to have the next draft or final versions of the report published in a couple months. I am curious as to the status of the revised documents. Will they be coming out soon? As far as I can tell, they have not already been released, is that right?

All the best.

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From: Donohue, Joyce [Donohue.Joyce@epa.gov]  
Sent: Thursday, January 28, 2016 9:52 AM  
To: Vedagiri, Usha  
Subject: RE: Status of EPA Health Effects documents for PFOS and PFOA

I do not think we added any new studies. I think I rewrote some on PFOS and we might have added more on its possible impact on lung surfactants. I would have to compare the two documents to be sure.

-----Original Message-----

From: Vedagiri, Usha [<mailto:usha.vedagiri@aecom.com>]  
Sent: Thursday, January 28, 2016 11:41 AM  
To: Donohue, Joyce <[Donohue.Joyce@epa.gov](mailto:Donohue.Joyce@epa.gov)>  
Subject: RE: Status of EPA Health Effects documents for PFOS and PFOA

Thank you, Joyce.

So you did not add or review any new inhalation or dermal studies from the Draft document to the upcoming Final version?

I did a search of the PFOA draft document and the most recent dermal study cited there is Fairley 2007. The most recent inhalation studies cited are Hinderliter 2003 and 2006. Are those the studies that you meant? There is nothing more recent?

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-----Original Message-----

From: Donohue, Joyce [<mailto:Donohue.Joyce@epa.gov>]  
Sent: Wednesday, January 27, 2016 8:50 AM  
To: Vedagiri, Usha  
Subject: RE: Status of EPA Health Effects documents for PFOS and PFOA

You are welcome. When I get back in the office I will send you the PFOA dermal and inhalation paper. They were summarized in the peer reviewed draft Health Effects document. You might try searching for the words inhalation and dermal.

Joyce

-----Original Message-----

From: Vedagiri, Usha [<mailto:usha.vedagiri@aecom.com>]  
Sent: Wednesday, January 27, 2016 11:46 AM  
To: Donohue, Joyce <[Donohue.Joyce@epa.gov](mailto:Donohue.Joyce@epa.gov)>  
Subject: RE: Status of EPA Health Effects documents for PFOS and PFOA

Thank you, Joyce, for taking the time to discuss the issues with me and answering all my questions. I really appreciate it.

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-----Original Message-----

From: Donohue, Joyce [<mailto:Donohue.Joyce@epa.gov>]  
Sent: Tuesday, January 26, 2016 7:39 AM  
To: Vedagiri, Usha  
Subject: RE: Status of EPA Health Effects documents for PFOS and PFOA

Dear Usha.

No, your assumption is not correct, the reference doses will not be as they were in the draft Health Effects Documents. The revised Health Effects documents will have new RfDs and we will use those values to derive Health Advisory numbers for the Office of Groundwater and Drinking water that will apply only to the consumption of drinking water from public water systems. Those values will be in a separate Health Advisory document for Potable water systems.

I cannot predict how the revised RfD's will be used as PPRTV values, or will be applied for soils and ambient surface or ground water.

Thank you for writing back for clarification. You can call me at Personal Phone / Ex. 6 if you have further questions.

Joyce Donohue

-----Original Message-----

From: Vedagiri, Usha [<mailto:usha.vedagiri@aecom.com>]  
Sent: Tuesday, January 26, 2016 10:28 AM  
To: Donohue, Joyce <[Donohue.Joyce@epa.gov](mailto:Donohue.Joyce@epa.gov)>  
Subject: RE: Status of EPA Health Effects documents for PFOS and PFOA

Thank you for your quick response, Jiyce.

Do you mean that the proposed oral reference dose values will be released unchanged, but they will be called "advisory RfDs" rather than as PPRTV or Tier 3 toxicity values?

Or do you mean that soil and water screening values will be calculated using these proposed RfDs and these soil and water screening levels will be called as "advisory screening levels"?

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From: Donohue, Joyce [[Donohue.Joyce@epa.gov](mailto:Donohue.Joyce@epa.gov)]  
Sent: Tuesday, January 26, 2016 5:42 AM  
To: Vedagiri, Usha  
Subject: RE: Status of EPA Health Effects documents for PFOS and PFOA

Dear Usha:

We are working on finalizing the documents now. We will be releasing the guideline value as health advisories and they will be different from the provisional values. I cannot give you an exact date because we have not received some of the EPA internal review comments on the revised documents and we will have to complete the administrative review process.

Joyce Donohue

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From: Vedagiri, Usha [[usha.vedagiri@aecom.com](mailto:usha.vedagiri@aecom.com)]  
Sent: Monday, January 25, 2016 7:28 PM  
To: Donohue, Joyce  
Subject: Status of EPA Health Effects documents for PFOS and PFOA

Hello Joyce,

I got your name and contact information from the peer review factsheet published by EPA.

Can you please let me know the status of the two EPA draft documents (Feb 2014) regarding the health effects of PFOS and PFOA?

Have the findings of the external peer review been accepted? What is the schedule for revisions to the Draft documents? When are the documents expected to be finalized? Are the proposed toxicity values going to be revised and if yes, when would the revisions be expected?

Any status and update information would be greatly appreciated, thank you.

Thank you.

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